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P#10  
1653

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/443,986

DATE: 05/29/2001

TIME: 13:44:18

Input Set : A:\PTO.txt

Output Set: C:\CRF3\05292001\I443986.raw

ENTERED

3 <110> APPLICANT: Elan Corporation  
 4 O'Mahony, Daniel  
 6 <120> TITLE OF INVENTION: RETRO-INVERSION PEPTIDES THAT TARGET GIT TRANSPORT RECEPTORS  
 AND RELATED

## 7 METHODS

9 &lt;130&gt; FILE REFERENCE: 99.1064.US/E1067/20019

11 &lt;140&gt; CURRENT APPLICATION NUMBER: US 09/443,986

12 &lt;141&gt; CURRENT FILING DATE: 1999-11-19

14 &lt;160&gt; NUMBER OF SEQ ID NOS: 8

16 &lt;170&gt; SOFTWARE: PatentIn version 3.0

18 &lt;210&gt; SEQ ID NO: 1

19 &lt;211&gt; LENGTH: 15

20 &lt;212&gt; TYPE: PRT

21 &lt;213&gt; ORGANISM: PAX2 15 mer fragment - D form retroinversion

23 &lt;400&gt; SEQUENCE: 1

25 Arg Thr Arg Leu Arg Arg Asn His Ser Ser His Lys Ala Asn Thr

26 1 5 10 15

28 &lt;210&gt; SEQ ID NO: 2

29 &lt;211&gt; LENGTH: 16

30 &lt;212&gt; TYPE: PRT

31 &lt;213&gt; ORGANISM: P31 16 mer fragment - D form retroinversion

33 &lt;400&gt; SEQUENCE: 2

35 Gly Pro His Arg Arg Gly Arg Pro Asn Ser Arg Ser Ser Lys Arg Thr

36 1 5 10 15

38 &lt;210&gt; SEQ ID NO: 3

39 &lt;211&gt; LENGTH: 14

40 &lt;212&gt; TYPE: PRT

41 &lt;213&gt; ORGANISM: HAX42 14 mer fragment - D form retroinversion

43 &lt;400&gt; SEQUENCE: 3

45 Gly Thr Ser Asn Gly Asn Gly Cys Cys Asn Tyr Asp Gly Pro

46 1 5 10

48 &lt;210&gt; SEQ ID NO: 4

49 &lt;211&gt; LENGTH: 15

50 &lt;212&gt; TYPE: PRT

51 &lt;213&gt; ORGANISM: PAX2 15 mer fragment

53 &lt;400&gt; SEQUENCE: 4

55 Thr Asn Ala Lys His Ser Ser His Asn Arg Arg Leu Arg Thr Arg

56 1 5 10 15

58 &lt;210&gt; SEQ ID NO: 5

59 &lt;211&gt; LENGTH: 16

60 &lt;212&gt; TYPE: PRT

61 &lt;213&gt; ORGANISM: P31 16 mer fragment

63 &lt;400&gt; SEQUENCE: 5

65 Thr Arg Lys Ser Ser Arg Ser Asn Pro Arg Gly Arg Arg His Pro Gly

66 1 5 10 15

68 &lt;210&gt; SEQ ID NO: 6

69 &lt;211&gt; LENGTH: 14

70 &lt;212&gt; TYPE: PRT

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71 <213> ORGANISM: HAX42 14 mer fragment
73 <400> SEQUENCE: 6
75 Pro Gly Asp Tyr Asn Cys Cys Gly Asn Gly Asn Ser Thr Gly
76 1          5          10
78 <210> SEQ ID NO: 7
79 <211> LENGTH: 40
80 <212> TYPE: PRT
81 <213> ORGANISM: PAX2 full length
83 <400> SEQUENCE: 7
85 Ser Thr Pro Pro Ser Arg Glu Ala Tyr Ser Arg Pro Tyr Ser Val Asp
86 1          5          10          15
88 Ser Asp Ser Asp Thr Asn Ala Lys His Ser Ser His Asn Arg Arg Leu
89          20          25          30
91 Arg Thr Arg Ser Arg Pro Asn Gly
92          35          40
94 <210> SEQ ID NO: 8
95 <211> LENGTH: 44
96 <212> TYPE: PRT
97 <213> ORGANISM: HAX42 full length
99 <400> SEQUENCE: 8
101 Ser Asp His Ala Leu Gly Thr Asn Leu Arg Ser Asp Asn Ala Lys Glu
102 1          5          10          15
104 Pro Gly Asp Tyr Asn Cys Cys Gly Asn Gly Asn Ser Thr Gly Arg Lys
105          20          25          30
107 Val Phe Asn Arg Arg Arg Pro Ser Ala Ile Pro Thr
108          35          40

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